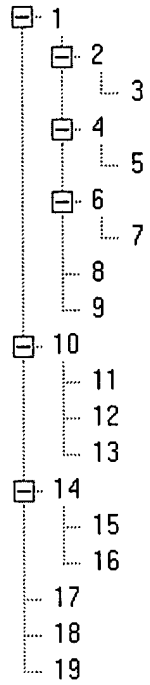


03/02/06 Claim Tree for 10/732849



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1010	347/102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 13:35
L2	18580	C adj value	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 13:36
L3	17	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:00
L4	422	ink with volume with (calculat\$4 or judg\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:09
L5	16	1 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:04
L6	19	ink with volume with (calculat\$4 or judg\$4 or detect\$4 or sens\$4) with dry\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:09
L7	453	ink same volume same (calculat\$4 or judg\$4 or detect\$4 or sens\$4) same dry\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:10
L8	10	1 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:22

## EAST Search History

L9	12900	(blow\$4 with heat\$4 with dry\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:23
L10	50	1 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:23
S1	5	((("5983048") or ("5758227") or ("6416175") or ("5619240") or ("20010026717")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/02 13:35
S2	5	(US-20010026717-\$).did. or (US-5619240-\$ or US-5758227-\$ or US-5983048-\$ or US-6416175-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/02/23 13:09
S3	2	((US-20010026717-\$).did. or (US-5619240-\$ or US-5758227-\$ or US-5983048-\$ or US-6416175-\$).did.) and humidity	US-PGPUB; USPAT	OR	OFF	2006/02/23 13:18
S4	634	liang.xa.	US-PGPUB; USPAT	OR	OFF	2006/02/23 13:19
S5	39493	"347"/\$.cccls.	US-PGPUB; USPAT	OR	OFF	2006/02/23 13:19
S6	91	S4 and S5	US-PGPUB; USPAT	OR	OFF	2006/02/23 13:19
S7	1005	347/102	US-PGPUB; USPAT	OR	OFF	2006/02/23 13:22
S8	17	S4 and S7	US-PGPUB; USPAT	OR	OFF	2006/02/23 13:21
S9	5851	(humidity with detect\$4)	US-PGPUB; USPAT	OR	OFF	2006/02/23 13:22
S10	0	S6 and S9	US-PGPUB; USPAT	OR	OFF	2006/02/23 13:21
S11	14676	(humidity with detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/23 13:22
S12	14716	(humidity with detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:23

## EAST Search History

S13	1005	347/102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:22
S14	20	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:22
S15	22106	(humidity same detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:23
S16	27	S13 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 13:49
S17	978	S13 not S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:45
S18	2960	347/19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:45
S19	777	347/17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:45
S20	2046	347/14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:46

## EAST Search History

S21	4187	S18 or S19 or S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:17
S22	34800	vapor with volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:47
S23	4260584	temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:47
S24	2192047	volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:47
S25	285872	humidity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:47
S26	15660	S22 same S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:48
S27	820	S22 same S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:48
S28	573	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 15:29

## EAST Search History

S29	0	S21 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:48
S30	2732	S22 and S23 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 14:54
S31	559	S22 same S23 same S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 15:29
S32	1	S21 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 15:29
S33	16	("3566076"   "3679302"   "3861863"   "4197445"   "4223203"   "4567349"   "4627813"   "4639405"   "4653396"   "4791447"   "4875611"   "5053828"   "5521688"   "5708920"   "5801360"   "5869809").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/24 11:45
S34	37	("3566076"   "3679302"   "3861863"   "4197445"   "4223203"   "4567349"   "4627813"   "4639405"   "4653396"   "4791447"   "4875611"   "5053828"   "5521688"   "5708920"   "5801360"   "5869809").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 11:45
S35	49058	(pre adj heat\$4) or "pre-heat" or "pre-heating"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 11:46
S36	4616705	pressur\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 11:47

## EAST Search History

S37	49094	(pre adj heat\$4) or "pre-heat" or "pre-heating"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 11:46
S38	4616705	pressur\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 11:47
S39	520930	ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 11:47
S40	107	S37 same S38 same S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 11:56
S41	4803039	fix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 11:56
S42	5238763	S37 or S39 or S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 11:57
S43	48	S37 same S39 same S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 11:57
S44	31	S43 not S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 13:05

## EAST Search History

S45	1005	347/102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 13:05
S46	67	S45 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 13:05
S47	66	S46 not S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 13:05
S48	63	S47 not S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 13:18
S49	697	S45 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 13:18
S50	648	S49 not S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 13:19
S51	648	S50 not S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 13:19
S52	648	S51 not S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 13:19



## EAST Search History

S53	2960	347/19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:17
S54	777	347/17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:17
S55	2046	347/14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:17
S56	4187	S53 or S54 or S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:17
S57	52625	ink same fix\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:17
S58	1594	S56 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 14:17
S59	1539	S58 not S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/25 16:08
S60	1	("5983048").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/25 16:08
S61	16	("3566076"   "3679302"   "3861863"   "4197445"   "4223203"   "4567349"   "4627813"   "4639405"   "4653396"   "4791447"   "4875611"   "5053828"   "5521688"   "5708920"   "5801360"   "5869809").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/25 16:09

## EAST Search History

S62	30	"5619240"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/25 16:09
S63	14	("4275968"   "4477178"   "4536079"   "4553830"   "4613877"   "5042790"   "5142340"   "5164770"   "5237378"   "5266966"   "5287123"   "5337258"   "5372852"   "5406321").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/25 16:16
S64	3	((("5774155") or ("20020118987") or ("6027196"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/25 16:33
S65	1	("5020244").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/25 16:34
S66	50331	B41J002/01.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/25 16:35
S67	227874	"pre-heat" or "pre-heating" or (pre adj heat\$4) or preheat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/25 16:36
S68	370	S66 and S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 13:18
S69	34802	vapor with volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:19
S70	1005	347/102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:19
S71	125	399/251	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:19

## EAST Search History

S72	670	399/320	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:19
S73	1093	399/328	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:19
S74	2466	S70 or S71 or S72 or S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:19
S75	18	S69 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:22
S76	4	((("6149327") or ("6179418") or ("6508552") or ("5771054")).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/27 13:23
S77	4	(US-5771054-\$ or US-6149327-\$ or US-6179418-\$ or US-6508552-\$).did.	USPAT	OR	OFF	2006/02/27 13:24
S78	2	((US-5771054-\$ or US-6149327-\$ or US-6179418-\$ or US-6508552-\$).did.) and vapor	USPAT	OR	ON	2006/02/27 13:24